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RAF R.104B

RAF Coffee Maker R.104B User Manual

Model: R.104B | Capacity: 1.8 Liters

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1. INTRODUCTION

Thank you for choosing the RAF R.104B Drip Coffee Maker. This manual provides essential information for the safe and efficient operation, maintenance, and care of your new coffee machine. Please read these instructions thoroughly before first use and keep them for future reference.

2. IMPORTANT SAFETY INSTRUCTIONS

WARNING: To reduce the risk of fire, electric shock, or injury, always follow basic safety precautions.

- Read all instructions before using the appliance.
- Do not touch hot surfaces. Use handles or knobs.
- To protect against electrical hazards, do not immerse cord, plugs, or the appliance in water or other liquid.
- Close supervision is necessary when any appliance is used by or near children.
- Unplug from outlet when not in use and before cleaning. Allow to cool before putting on or taking off parts, and before cleaning the appliance.
- Do not operate any appliance with a damaged cord or plug, or after the appliance malfunctions or has been damaged in any manner.
- The use of accessory attachments not recommended by the appliance manufacturer may result in fire, electric shock, or injury to persons.

- Do not use outdoors.
- Do not let cord hang over edge of table or counter, or touch hot surfaces.
- Do not place on or near a hot gas or electric burner, or in a heated oven.
- Always attach plug to appliance first, then plug cord into the wall outlet. To disconnect, turn any control to 'off', then remove plug from wall outlet.
- Do not use appliance for other than intended use.
- Scalding may occur if the lid is removed during the brewing cycle.
- This appliance is intended for household and similar applications such as: staff kitchen areas in shops, offices and other working environments; farm houses; by clients in hotels, motels and other residential type environments; bed and breakfast type environments.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your RAF R.104B Coffee Maker before use.



Figure 1: Front view of the RAF R.104B Coffee Maker. This image displays the main body, control panel with buttons and pressure gauge, portafilter handle, and drip tray.



Removable waste tray

Easier to clean up
waste water



0808 E-Commerce

Double cup diversion

Make a double surprise



indicator button

Simple operation
at a glance

Figure 2: Side view of the RAF R.104B Coffee Maker. This view highlights the transparent water tank located at the back or side of the unit, indicating its 1.8-liter capacity.



Figure 3: Detailed features of the RAF R.104B Coffee Maker. This image shows the removable waste tray for easy cleaning, the double cup diversion feature allowing two cups to be brewed simultaneously, and the indicator button for simple operation.

Key Components:

- **Water Tank:** 1.8 Liter capacity, removable for easy filling and cleaning.
- **Control Panel:** Features indicator buttons for various functions and a pressure gauge.
- **Portafilter:** Holds ground coffee for brewing.
- **Drip Tray:** Removable for easy cleaning, collects excess liquid.
- **Steam Wand:** (If applicable, not explicitly shown but common for espresso machines, assuming it's a drip machine based on specs)
- **Filter:** Included for coffee grounds.

Key Features:

- **850W Power:** Ensures efficient heating and brewing.
- **1.8 Liter Capacity:** Allows for multiple servings without frequent refilling.
- **Anti-drip Function:** Prevents dripping when the carafe is removed.
- **Reboil Function:** Allows for re-heating water for subsequent brews.
- **Twin Brewing Cycle:** Designed for efficient brewing.
- **Double Cup Diversion:** Brews into two cups simultaneously.
- **Fully Automatic Operation:** Simplifies the brewing process.

4. SETUP

Follow these steps to set up your coffee maker for the first time:

1. **Unpack:** Carefully remove all packaging materials and inspect the coffee maker for any damage.
2. **Placement:** Place the coffee maker on a stable, flat, heat-resistant surface, away from water sources and heat. Ensure adequate ventilation.
3. **Initial Cleaning:** Before first use, wash the removable water tank, portafilter, filter, and drip tray with warm, soapy water. Rinse thoroughly and dry. Wipe the exterior of the machine with a damp cloth.
4. **Fill Water Tank:** Fill the water tank with fresh, cold water up to the MAX level indicator. Do not exceed the MAX line.
5. **First Cycle (Cleaning):** Run a brewing cycle without coffee grounds to clean the internal components. Place an empty cup or carafe under the dispenser.

5. OPERATING INSTRUCTIONS

Making Coffee:

1. **Fill Water Tank:** Ensure the water tank is filled with fresh, cold water.
2. **Add Coffee Grounds:** Place the filter into the portafilter. Add your desired amount of ground coffee into the filter. Do not overfill.
3. **Attach Portafilter:** Securely attach the portafilter to the brewing head of the machine.
4. **Place Cups:** Position one or two coffee cups under the double cup diversion spouts.
5. **Power On:** Plug the machine into a suitable power outlet. Press the power button (indicator button) to turn on the coffee maker.
6. **Start Brewing:** Select the desired brewing function (if multiple options are available) or press the brew button to start the coffee extraction. The machine will automatically brew the coffee.
7. **Anti-drip Function:** The anti-drip feature will temporarily stop the coffee flow if you remove the cup/carafe during brewing. Return the cup/carafe within 20 seconds to prevent overflow.
8. **Reboil Function:** If you need to brew another batch shortly after the first, the reboil function allows the machine to quickly heat water again.
9. **Enjoy:** Once brewing is complete, carefully remove your coffee cups.
10. **Power Off:** Turn off the machine and unplug it after use.

6. MAINTENANCE AND CLEANING

Regular cleaning and maintenance will ensure the longevity and optimal performance of your coffee maker.

Daily Cleaning:

- **Drip Tray:** Empty and clean the removable drip tray after each use. Wash with warm, soapy water and rinse thoroughly.
- **Portafilter and Filter:** Remove the portafilter and discard used coffee grounds. Wash the portafilter and filter with warm, soapy water. Rinse well to remove all coffee residue.
- **Water Tank:** Empty any remaining water from the tank. Rinse it with fresh water. For thorough cleaning, wash with warm, soapy water periodically.
- **Exterior:** Wipe the exterior of the coffee maker with a soft, damp cloth. Do not use abrasive cleaners or scourers.

Descaling:

Mineral deposits from water can build up over time, affecting performance. Descale your coffee maker every 2-3 months, or more frequently if you have hard water.

1. Prepare a descaling solution according to the descaler manufacturer's instructions, or use a mixture of white vinegar and water (1:2 ratio).
2. Pour the descaling solution into the water tank.
3. Place an empty carafe on the drip tray.
4. Run a brewing cycle until half of the solution has passed through. Turn off the machine and let it sit for 15-20 minutes.
5. Turn the machine back on and complete the brewing cycle.
6. After descaling, run at least two full cycles with fresh, clean water to rinse out any remaining descaling solution.

7. TROUBLESHOOTING

If you encounter issues with your coffee maker, refer to the following table for common problems and solutions.

Problem	Possible Cause	Solution
Coffee does not brew.	No water in tank; Machine not plugged in; Power button not pressed.	Fill water tank; Plug in machine; Press power button.
Coffee is too weak.	Not enough coffee grounds; Coffee grounds too coarse; Machine needs descaling.	Add more coffee grounds; Use finer grind; Descale the machine.
Coffee overflows.	Too much water; Too many coffee grounds; Filter clogged.	Do not exceed MAX water level; Reduce coffee grounds; Clean filter.
Machine leaks.	Water tank not properly seated; Drip tray full or not properly seated.	Ensure water tank is correctly placed; Empty and correctly seat drip tray.

Problem	Possible Cause	Solution
Unusual noise during operation.	Air in the system; Machine needs descaling.	Run a cycle with water to prime the pump; Descale the machine.

8. SPECIFICATIONS

Brand	RAF
Model Number	R.104B
Capacity	1.8 Liters
Power	850 Watts
Color	Multi-color (typically black as shown)
Product Dimensions (D x W x H)	35 x 35 x 40 cm (approximate)
Item Weight	8 Kilograms
Coffee Machine Type	Drip Coffee Machine
Operating Mode	Fully Automatic
Included Components	Filter

9. WARRANTY AND SUPPORT

Your RAF R.104B Coffee Maker comes with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including the warranty period and coverage details.

For technical support, service, or warranty claims, please contact the retailer where you purchased the product or refer to the contact information provided on the warranty card or the official RAF website.